

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	245	(428/847 or 428/847.1 or 428/847.4 or 428/847.8 or 428/848.8).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/17 14:23
L2	1678	(528/310 or 528/324).ccls.	US-PGPUB; USPAT	OR	ON	2008/06/17 14:25
L3	0	((11 or 12) and ((heat or thermal) same (shrink or shrinkage)) and ("heat treatment" and "tension") and "aromatic polyamide" and ("alpha.MD") and ("alpha.TD"))	US-PGPUB; USPAT	OR	ON	2008/06/17 14:25
L4	0	(360/131 or 360/134 or 360/135).ccls. and ((heat or thermal) same (shrink or shrinkage)) and ("heat treatment" and "tension") and "aromatic polyamide" and ("alpha.MD") and ("alpha.TD"))	US-PGPUB; USPAT	OR	ON	2008/06/17 14:26
L5	0	(428/141 or 427/128).ccls. and ((heat or thermal) same (shrink or shrinkage)) and ("heat treatment" and "tension") and "aromatic polyamide" and ("alpha.MD") and ("alpha.TD"))	US-PGPUB; USPAT	OR	ON	2008/06/17 14:27
L6	1	"6797381".pn.	US-PGPUB; USPAT	OR	ON	2008/06/17 14:38
L7	2	"6797381".pn.	USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/17 14:39
S1	7	(sueoka and tsukuda).in.	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:57
S2	0	(nakajima and yashiro and tsukuda).in.	US-PGPUB; USPAT	OR	OFF	2008/06/06 15:59
S3	0	(ito and yamasita and tsukuda).in.	US-PGPUB; USPAT	OR	OFF	2008/06/06 16:00
S4	0	("aromatic polyamide film and magnetic recording").ti.	US-PGPUB; USPAT	OR	OFF	2008/06/06 16:01

S5	39	((heat or heating) same (shrink or shrinkage)) and ("heat treatment" and "no tension") and "Young's"	US-PGPUB; USPAT	OR	ON	2008/06/06 16:05
S6	0	("428"/\$ or "528"/\$ or "360"/\$).cols. and (("heat shrinkage" or "thermal shrinkage") same (min or minutes)) and "aromatic polyimide"	US-PGPUB; USPAT	OR	OFF	2008/06/08 16:44
S7	0	("428"/\$ or "528"/\$ or "360"/\$).cols. and ("heat shrinkage" or "thermal shrinkage") and "aromatic polyimide"	US-PGPUB; USPAT	OR	OFF	2008/06/08 16:46
S8	38	((heat or thermal) same (shrink or shrinkage)) and ("heat treatment" and "no tension") and "Young's"	US-PGPUB; USPAT	OR	ON	2008/06/08 16:47
S9	39	((heat or heating) same (shrink or shrinkage)) and ("heat treatment" and "no tension") and "Young's"	US-PGPUB; USPAT	OR	ON	2008/06/08 16:47
S10	1	S8 not S9	US-PGPUB; USPAT	OR	ON	2008/06/08 16:47
S11	1	(tsukuda and ieki and nakajima).in.	US-PGPUB; USPAT	OR	ON	2008/06/08 17:16
S12	340	((heat or thermal) same (shrink or shrinkage)) and ("heat treatment" and "tension") and "aromatic polyamide"	US-PGPUB; USPAT	OR	ON	2008/06/08 17:19
S14	0	S12 and (("degree. C") with "tension")	US-PGPUB; USPAT	OR	ON	2008/06/08 17:22
S15	74	S12 and (("no" or without) with "tension")	US-PGPUB; USPAT	OR	ON	2008/06/08 17:22
S16	25	S15 and "magnetic recording".ab.	US-PGPUB; USPAT	OR	ON	2008/06/08 17:23
S17	49	S15 not S16	US-PGPUB; USPAT	OR	ON	2008/06/08 17:34

S18	0	((heat or thermal) same (shrink or shrinkage)) and ("heat treatment" and "tension") and "aromatic polyamide" and ("alpha.MD") and ("alpha.TD" )	US-PGPUB; USPAT	OR	ON	2008/06/09 13:42
S19	0	"aromatic polyamide" and ("alpha.MD") and ("alpha.TD" )	US-PGPUB; USPAT	OR	ON	2008/06/09 13:44
S20	0	polyamide and ("alpha.MD") and ("alpha.TD" )	US-PGPUB; USPAT	OR	ON	2008/06/09 13:44
S21	0	((heat or thermal) same (shrink or shrinkage)) and ("heat treatment" and "tension") and "aromatic polyamide" and ("alpha.MD") and ("alpha.TD")	US-PGPUB; USPAT	OR	ON	2008/06/09 13:44
S22	0	("alpha.MD") and ("alpha.TD")	US-PGPUB; USPAT	OR	ON	2008/06/09 13:45
S23	0	"alpha.MD" and "alpha.TD"	US-PGPUB; USPAT	OR	ON	2008/06/09 13:45
S24	1	"6376043".pn.	US-PGPUB; USPAT	OR	ON	2008/06/09 13:57
S25	1	"20070082232".pn.	US-PGPUB; USPAT	OR	ON	2008/06/09 14:07
S26	1	"20030235715".pn.	US-PGPUB; USPAT	OR	ON	2008/06/09 18:24
S27	0	"aromatic polyamide" and "hydroscopic expansion"	US-PGPUB; USPAT	OR	ON	2008/06/11 16:10
S28	30	"aromatic polyamide" and "hygroscopic expansion"	US-PGPUB; USPAT	OR	ON	2008/06/11 16:11
S29	11	S28 and "Young's"	US-PGPUB; USPAT	OR	ON	2008/06/11 16:20
S31	621	FALASCO.xa.	US-PGPUB; USPAT	OR	ON	2008/06/12 14:14
S32	4	"5874519"	US-PGPUB; USPAT	OR	ON	2008/06/13 14:24

S33	50	("5948554" "6251196" "6287530" "6291052" "6399147" "6444328" "6632520" "6806804" "6853473" "20030137718" "20030211360" "20040041679" "20060215330" "20070082232" "5815060" "3920988" "4087291" "4090892" "4115106" "6251556" "6323298" "6413327" "6421519" "6435263" "6466320" "6472488" "6475302" "6537463" "6682834" "7158354" "7168177" "7229706" "7286025" "7358638" "7364628" "20010020495" "20020014321" "20020037441" "20020084001" "20020171311" "20040141260" "20040149357" "20040218311" "20050168089" "20060006956" "20070160875" "20070193504" "6231778" "5031186" "6258890" ).pn.	US-PGPUB; USPAT	OR	ON	2008/06/13 16:02
S34	1	"5874519".pn.	US-PGPUB; USPAT	OR	ON	2008/06/14 14:43
S35	1	"6376043".pn.	US-PGPUB; USPAT	OR	ON	2008/06/14 16:49
S36	0	"2001000871".pn.	US-PGPUB; USPAT	OR	ON	2008/06/14 16:50
S37	1	"20010008714".pn.	US-PGPUB; USPAT	OR	ON	2008/06/14 16:50
S38	1	"6274220".pn.	US-PGPUB; USPAT	OR	ON	2008/06/14 16:52
S39	1	"6210775".pn.	US-PGPUB; USPAT	OR	ON	2008/06/14 16:53
S40	1	"4645702".pn.	US-PGPUB; USPAT	OR	ON	2008/06/14 16:54
S41	1	"20030235715"	US-PGPUB; USPAT	OR	ON	2008/06/16 17:02

S42	0	"200700033798"	US-PGPUB; USPAT	OR	ON	2008/06/16 21:08
S43	1	"20070003798"	US-PGPUB; USPAT	OR	ON	2008/06/16 21:08

6/17/2008 2:41:31 PM

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